

ABSTRACT

A conductive particle having a low connection resistance, a small variation of conduction performance, and excellent conduction reliability and an anisotropic conductive material using such particles are disclosed. Conventional anisotropic conductive materials using conductive particles are used in the form that they are interposed between opposed boards or between opposed electrode terminals of electronic devices such as mobile telephones. However, as electronic devices have been recently developing, enhancement of the conduction reliability of the conductive particles used for the anisotropic conductive materials have been required. The surface (2) of the base particle of a conductive particle (1) of the invention used for an anisotropic conductive material is covered with a conductive film or films (4, 5). The conductive particle (1) has projections (5b) projecting from the conductive film or films. A core material (3) for projecting the surface of the conductive film is provided on the surface of the base particle. The core material (3) is different from the conductive material of the conductive films. By thus using such conductive particles, the conduction reliability is enhanced.